

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

### **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

<b>L Number</b>	<b>Hits</b>	<b>Search Text</b>	<b>DB</b>	<b>Time stamp</b>
-	3	(optical near1 disc) and nonoperational	USPAT	2004/02/24 10:36
-	26	(optical near1 disc) and analyte	USPAT	2002/09/11 16:27
-	2	6342349.pn.,5892577.pn.	USPAT	2003/01/09 13:57
-	1	417305.pn.	EPO	2003/01/09 13:57
-	0	9721090.pn.	USPAT	2003/01/09 13:58
-	1	9721090.pn.	EPO	2003/01/09 13:58
-	46	("B13646346"   "B13654090"   "3791932"   "3817837"   "3817838"   "3850752"   "3939350"   "3996345"   "4037257"   "4062733"   "4104029"   "4160645"   "4233402"   "4275149"   "4277437"   "4287300"   "4366241"   "4472509"   "4542102"   "4608344"   "4756971"   "RE33064"   "4877745"   "5021236"   "5087556"   "5112134"   "5118605"   "5132097"   "5164319"   "5168057"   "5278048"   "5334837"   "5345213"   "5384261"   "5405783"   "5412087"   "5424186"   "5429807"   "5445934"   "5462839"   "5489678"   "5510270"   "5521289"   "5580696"   "5599662"   "5624711"   "5892577"   "6030581").PN.	USPAT	2003/01/09 14:04
-	2	("3736432"   "5270210").PN.	USPAT	2003/01/09 14:19
-	2190	382/100,128,232,233.ccls.	USPAT	2003/01/09 15:12
-	227	382/100,128,232,233.ccls. and (optical near2 (disc or disk))	USPAT	2003/01/09 15:20
-	849	382/100,128,232,233.ccls. and (disc or disk)	USPAT	2003/01/09 15:21
-	570	(382/100,128,232,233.ccls. and (disc or disk)) and (encod\$4 or decod\$4)	USPAT	2003/01/09 15:22
-	10264	Optical near2 disc	USPAT	2003/01/24 15:21
-	1	(Optical near2 disc) and operational and nonoperational	USPAT	2003/01/24 15:22
-	3003	(Optical near2 disc) and (patterns or structures)	USPAT	2003/01/24 15:23
-	837	((Optical near2 disc) and (patterns or structures)) and digital and analog	USPAT	2003/01/24 15:23
-	602	((((Optical near2 disc) and (patterns or structures)) and digital and analog) and track\$4	USPAT	2003/01/24 15:46
-	0	Worthington.pn.	USPAT	2003/01/24 15:26



-	1637	((((audio or video) near4 (optical near2 disc\$1))) and (data or information or signal)	USPAT	2003/02/06 12:28
-	1098	((((audio or video) near4 (optical near2 disc\$1))) and (data or information or signal)) and (function\$2 or nonfunction\$2)	USPAT	2003/02/05 16:05
-	924	(((((audio or video) near4 (optical near2 disc\$1))) and (data or information or signal)) and (function\$2 or nonfunction\$2)) and (position or location)	USPAT	2003/02/05 16:13
-	924	(((((audio or video) near4 (optical near2 disc\$1))) and (data or information or signal)) and (function\$2 or nonfunction\$2)) and (position or location)	USPAT	2003/02/06 12:28
-	566	(((((audio or video) near4 (optical near2 disc\$1))) and (data or information or signal)) and (function\$2 or nonfunction\$2)) and (position or location) ) and (encod\$3 or decod\$3)	USPAT	2003/02/05 16:16
-	37292	((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))	USPAT	2003/02/06 12:38
-	100	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and analyte\$	USPAT	2003/02/06 12:27
-	8420	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and analog and digital	USPAT	2003/02/06 12:28
-	8414	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and analog and digital) and (data or information or signal)	USPAT	2003/02/06 12:29
-	15	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and analog and digital) and (data or information or signal)) and ((nonfunct\$6 and funct\$6) or (operation\$2 and nonoperation\$2) or (continous and noncontinous))	USPAT	2003/02/06 12:34
-	5238	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4	USPAT	2003/02/06 12:42
-	5238	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4	USPAT	2003/02/06 12:46
-	2939	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4 ) and (pattern\$1 or cluster\$1)	USPAT	2003/02/06 12:47
-	1010	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4 ) and (pattern\$1 or cluster\$1)) and segment\$1	USPAT	2003/02/06 12:47
-	676	(((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4 ) and (pattern\$1 or cluster\$1)) and segment\$1) and track\$1	USPAT	2003/02/06 13:09

-	676	(((((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4 ) and (pattern\$1 or cluster\$1)) and segment\$1) and track\$1	USPAT	2003/02/06 13:10
-	668	(((((((audio or video) near4 (optical near2 dis\$2)) or (optical near2 dis\$2))) and encod\$4 and decod\$4 ) and (pattern\$1 or cluster\$1)) and segment\$1) and track\$1 ) and (map\$4 or position\$3 or locat\$4)	USPAT	2003/02/06 14:07
-	6	("5400369"   "5592518"   "5862143"   "6154866"   "6263469"   "6343182").PN.	USPAT	2003/02/06 14:01
-	6	("5400369"   "5592518"   "5862143"   "6154866"   "6263469"   "6343182").PN.	USPAT	2003/02/06 14:06
-	0	6470142.URPN.	USPAT	2003/02/06 14:07
-	0	6470142.URPN.	USPAT	2003/02/06 14:07
-	6	("5400369"   "5592518"   "5862143"   "6154866"   "6263469"   "6343182").PN.	USPAT	2003/02/06 14:07
-	0	6470142.URPN.	USPAT	2003/02/06 14:07
-	17439	Sony.AS.	USPAT	2003/02/06 14:08
-	3137	Sony.AS. and (optical near2 dis\$2)	USPAT	2003/02/06 14:10
-	87	(Sony.AS. and (optical near2 dis\$2)) and (data near3 analy\$5)	USPAT	2003/02/06 14:12
-	301	Isozaki.IN.	USPAT	2003/02/06 14:14
-	16	Isozaki.IN. and (optical near3 dis\$2)	USPAT	2003/02/06 14:15
-	315	386/124.ccls.	USPAT	2003/02/06 15:22
-	79	386/124.ccls. and (optical near3 dis\$2)	USPAT	2003/02/06 15:28

-	74	<p> <b>(US-5892577-\$ or US-6342349-\$ or  US-6327031-\$ or US-6411585-\$ or  US-6359849-\$ or US-6332057-\$ or  US-6298016-\$ or US-6201778-\$ or  US-6151360-\$ or US-6061404-\$ or  US-5933570-\$ or US-5859826-\$ or  US-5883672-\$ or US-5841740-\$ or  US-5789690-\$ or US-5751358-\$ or  US-5717663-\$ or US-6282242-\$ or  US-5999905-\$ or US-6490405-\$ or  US-6496647-\$ or US-6463208-\$ or  US-6456783-\$ or US-6397000-\$ or  US-RE32709-\$ or US-6198718-\$).did. or  (US-6506558-\$ or US-6403957-\$ or  US-6395562-\$ or US-6342395-\$ or  US-6505964-\$ or US-6480828-\$ or  US-6030581-\$ or US-5132097-\$ or  US-6496607-\$ or US-6487320-\$ or  US-6480626-\$ or US-6466697-\$ or  US-6463178-\$ or US-6459812-\$ or  US-6453071-\$ or US-6498775-\$ or  US-6493505-\$ or US-6453119-\$ or  US-RE37808-\$ or US-6344939-\$ or  US-6304715-\$ or US-RE37327-\$ or  US-6002833-\$ or US-5920529-\$ or  US-5879774-\$ or US-5629514-\$ or  US-5472603-\$).did. or (US-5569588-\$ or  US-5130963-\$ or US-6338139-\$ or  US-5406533-\$ or US-6516139-\$ or  US-6516094-\$ or US-6473861-\$ or  US-6463486-\$ or US-6449423-\$ or  US-6430125-\$ or US-6243338-\$ or  US-5808830-\$ or US-6343182-\$ or  US-6263469-\$ or US-6154866-\$ or  US-5862143-\$ or US-6504994-\$ or  US-6452960-\$ or US-6373816-\$).did. or  (EP-417305-\$ or WO-9721090-\$).did.</b> </p>	<b>USPAT;  EPO</b>	<b>2003/02/06  16:31</b>
---	----	---	------------------------	------------------------------

-	29	((US-5892577-\$ or US-6342349-\$ or US-6327031-\$ or US-6411585-\$ or US-6359849-\$ or US-6332057-\$ or US-6298016-\$ or US-6201778-\$ or US-6151360-\$ or US-6061404-\$ or US-5933570-\$ or US-5859826-\$ or US-5883672-\$ or US-5841740-\$ or US-5789690-\$ or US-5751358-\$ or US-5717663-\$ or US-6282242-\$ or US-5999905-\$ or US-6490405-\$ or US-6496647-\$ or US-6463208-\$ or US-6456783-\$ or US-6397000-\$ or US-RE32709-\$ or US-6198718-\$).did. or (US-6506558-\$ or US-6403957-\$ or US-6395562-\$ or US-6342395-\$ or US-6505964-\$ or US-6480828-\$ or US-6030581-\$ or US-5132097-\$ or US-6496607-\$ or US-6487320-\$ or US-6480626-\$ or US-6466697-\$ or US-6463178-\$ or US-6459812-\$ or US-6453071-\$ or US-6498775-\$ or US-6493505-\$ or US-6453119-\$ or US-RE37808-\$ or US-6344939-\$ or US-6304715-\$ or US-RE37327-\$ or US-6002833-\$ or US-5920529-\$ or US-5879774-\$ or US-5629514-\$ or US-5472603-\$).did. or (US-5569588-\$ or US-5130963-\$ or US-6338139-\$ or US-5406533-\$ or US-6516139-\$ or US-6516094-\$ or US-6473861-\$ or US-6463486-\$ or US-6449423-\$ or US-6430125-\$ or US-6243338-\$ or US-5808830-\$ or US-6343182-\$ or US-6263469-\$ or US-6154866-\$ or US-5862143-\$ or US-6504994-\$ or US-6452960-\$ or US-6373816-\$).did. or (EP-417305-\$ or WO-9721090-\$).did.) and physical	USPAT	2003/02/06 16:33
-	23777	((optical near2 dis\$2) or DVD or CD) and (analyte or substrate)	USPAT	2003/02/07 16:06
-	2640	((optical near2 dis\$2) or DVD or CD) and (analyte or substrate)) and analog and digital	USPAT	2003/02/07 16:07
-	1398	((optical near2 dis\$2) or DVD or CD) and (analyte or substrate)) and analog and digital) and (track\$1 or spiral)	USPAT	2003/02/07 16:09
-	544	analyte and (CD or DVD or (optical near2 dis\$2))	USPAT	2003/02/08 13:40
-	118	(analyte and (CD or DVD or (optical near2 dis\$2)) ) and analog and digital	USPAT	2003/02/09 15:41
-	80	((analyte and (CD or DVD or (optical near2 dis\$2)) ) and analog and digital) and laser	USPAT	2003/02/08 14:57
-	94	(analyte or (analyte adj specific)) and (optical near2 dis\$2)	USPAT	2003/02/09 15:42

-	1	(US-6327031-\$).did.	USPAT	2003/02/10 11:09
-	0	((US-6327031-\$).did.) and filter\$3	USPAT	2003/02/10 11:09
-	10	6327031.pn.,6344939.pn.,6453119.pn.,5920529.pn.,5505964.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/23 14:52
-	629	(universal\$3 near3 ((optical near1disc\$1) or (compact near1 disc\$1) or CD or DVD or (Digital near1 video near1 Disc\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 10:39
-	109	((universal\$3 near3 ((optical near1disc\$1) or (compact near1 disc\$1) or CD or DVD or (Digital near1 video near1 Disc\$1)))) and (data near3 (analyzer or analysis or analyze or read))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 11:27
-	0	((laser near3 microscopic) or (confocal near3 laser)) same (disc near3 inspection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 11:29
-	2	((laser near3 microscopic) or (confocal near3 laser)) and (disc near3 inspection)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 11:29
-	12003	disc and ((red near3 blood) or sphere\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:34
-	3417	disc same ((red near3 blood) or sphere\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:35
-	9	disc same (((red near3 blood) or sphere\$) near3 embed\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:35
-	692	(optical near3 disc\$1) and (rbc or (red near3 blood) or sphere\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:37
-	192	(optical near3 disc\$1) same (rbc or (red near3 blood) or sphere\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:44



-	16	(optical near3 disc\$1) same (rbc or (red near3 blood))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:58
-	1	(optical near3 disc\$1) same (embed\$ near4 particle\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 12:59
-	6	5892577.pn.,0417305.pn.,9721090.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 13:01
-	4	417305.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 13:01
-	773	disc and decod\$3 and tangent\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 13:08
-	85	(disc near3 decod\$3) and tangent\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 13:08
-	2	6342349.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 15:10
-	2	6208614.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/24 15:10
-	11196	(data or information) same ((multiple or (across near2 two) or two) near3 (track\$1 or groove\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 11:02
-	5960	((data or information) same ((multiple or (across near2 two) or two) near3 (track\$1 or groove\$1))) and (CD or (compact near3 disc\$1) or DVD or optical or (digital near3 video))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 11:02

-	4663	(data or information) near4 ((multiple or (across near2 two) or two) near3 (track\$1 or groove\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 11:02
-	2468	((data or information) near4 ((multiple or (across near2 two) or two) near3 (track\$1 or groove\$1))) and (CD or (compact near3 disc\$1) or DVD or optical or (digital near3 video))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/02/26 11:04
-	16210	(optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) near3 (cell or biological)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:14
-	3096	((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) near3 (cell or biological)) and (track\$1 or groove\$1 or radial\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:08
-	11	((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) near3 (cell or biological)) and (((two or multiple) near2 (track\$1 or groove\$1 or radial\$1)) near3 read)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 13:16
-	30	((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) near5 analyte\$1) and (read\$3 near4 (tangent\$ or perpendic\$ or parallel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:16
-	9935	(optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) and (read\$3 near4 (tangent\$ or perpendic\$ or parallel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:16
-	144	((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) and (read\$3 near4 (tangent\$ or perpendic\$ or parallel))) and analyte\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:19
-	114	((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) and (read\$3 near4 (tangent\$ or perpendic\$ or parallel))) and analyte\$1 not (((optical or disk\$1 or Cd or DVD or (compact near2 dis\$2) or (digital near3 video)) near5 analyte\$1) and (read\$3 near4 (tangent\$ or perpendic\$ or parallel)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 09:39
-	1059	369/?ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:36

-	0	369/?ccls. and (assay or analyte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:36
-	17	369/?ccls. and (tangen\$ or perpendic\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:38
-	25	369/?ccls. and (read\$3 and analyz\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/02 15:43

-	92	<p> <b>(US-6298016-\$ or US-6332057-\$ or  US-6359849-\$ or US-6373816-\$ or  US-6411585-\$ or US-6452960-\$ or  US-6504994-\$ or US-5862143-\$ or  US-6456783-\$ or US-6463208-\$ or  US-6490405-\$ or US-6496647-\$ or  US-5999905-\$ or US-6282242-\$ or  US-5717663-\$ or US-5751358-\$ or  US-5789690-\$ or US-5841740-\$ or  US-5859826-\$ or US-5883672-\$ or  US-5933570-\$ or US-6061404-\$ or  US-6151360-\$ or US-6201778-\$ or  US-6403957-\$ or US-6506558-\$).did. or  (US-6395562-\$ or US-6342395-\$ or  US-6395480-\$ or US-6338139-\$ or  US-5406533-\$ or US-6310687-\$ or  US-5440536-\$ or US-5430701-\$ or  US-5347504-\$ or US-5879774-\$ or  US-5629514-\$ or US-5569588-\$ or  US-5130963-\$ or US-5472603-\$ or  US-6397000-\$ or US-6002833-\$ or  US-5978350-\$ or US-5959963-\$ or  US-5920529-\$ or US-5669995-\$ or  US-RE32709-\$ or US-5808830-\$ or  US-6516139-\$ or US-6516094-\$ or  US-6493878-\$ or US-6473861-\$ or  US-6463486-\$).did. or (US-6449423-\$ or  US-6430125-\$ or US-6243338-\$ or  US-6493306-\$ or US-6459812-\$ or  US-6453071-\$ or US-6498775-\$ or  US-6496607-\$ or US-6487320-\$ or  US-6480626-\$ or US-6466697-\$ or  US-6463178-\$ or US-6480828-\$ or  US-6198718-\$ or US-6343182-\$ or  US-6263469-\$ or US-6154866-\$ or  US-6487147-\$ or US-6480960-\$ or  US-RE37742-\$ or US-6505964-\$ or  US-6496459-\$ or US-6493505-\$ or  US-6477134-\$ or US-6453119-\$ or  US-RE37808-\$ or US-6344939-\$).did. or  (US-6304715-\$ or US-RE37327-\$ or  US-6266483-\$ or US-5132097-\$ or  US-6030581-\$ or US-6342349-\$ or  US-5892577-\$ or US-6327031-\$ or  US-6339473-\$).did. or  (US-20030012104-\$).did. or (WO-9721090-\$ or  EP-417305-\$).did.</b> </p>	<b>USPAT;  US-PGPUB;  EPO</b>	<b>2004/03/02  16:05</b>
---	----	---	---------------------------------------	------------------------------

-	22	<p>((US-6298016-\$ or US-6332057-\$ or US-6359849-\$ or US-6373816-\$ or US-6411585-\$ or US-6452960-\$ or US-6504994-\$ or US-5862143-\$ or US-6456783-\$ or US-6463208-\$ or US-6490405-\$ or US-6496647-\$ or US-5999905-\$ or US-6282242-\$ or US-5717663-\$ or US-5751358-\$ or US-5789690-\$ or US-5841740-\$ or US-5859826-\$ or US-5883672-\$ or US-5933570-\$ or US-6061404-\$ or US-6151360-\$ or US-6201778-\$ or US-6403957-\$ or US-6506558-\$).did. or (US-6395562-\$ or US-6342395-\$ or US-6395480-\$ or US-6338139-\$ or US-5406533-\$ or US-6310687-\$ or US-5440536-\$ or US-5430701-\$ or US-5347504-\$ or US-5879774-\$ or US-5629514-\$ or US-5569588-\$ or US-5130963-\$ or US-5472603-\$ or US-6397000-\$ or US-6002833-\$ or US-5978350-\$ or US-5959963-\$ or US-5920529-\$ or US-5669995-\$ or US-RE32709-\$ or US-5808830-\$ or US-6516139-\$ or US-6516094-\$ or US-6493878-\$ or US-6473861-\$ or US-6463486-\$).did. or (US-6449423-\$ or US-6430125-\$ or US-6243338-\$ or US-6493306-\$ or US-6459812-\$ or US-6453071-\$ or US-6498775-\$ or US-6496607-\$ or US-6487320-\$ or US-6480626-\$ or US-6466697-\$ or US-6463178-\$ or US-6480828-\$ or US-6198718-\$ or US-6343182-\$ or US-6263469-\$ or US-6154866-\$ or US-6487147-\$ or US-6480960-\$ or US-RE37742-\$ or US-6505964-\$ or US-6496459-\$ or US-6493505-\$ or US-6477134-\$ or US-6453119-\$ or US-RE37808-\$ or US-6344939-\$).did. or (US-6304715-\$ or US-RE37327-\$ or US-6266483-\$ or US-5132097-\$ or US-6030581-\$ or US-6342349-\$ or US-5892577-\$ or US-6327031-\$ or US-6339473-\$).did. or (US-20030012104-\$).did. or (WO-9721090-\$ or EP-417305-\$).did.) and (tangent\$ or perpendic\$)</p>	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2004/03/02 16:13</p>
-	164199	optical near2 dis\$2	<p>USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB</p>	<p>2004/03/05 09:40</p>

-	348064	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$) or (compact near2 disc\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 09:41
-	26	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$) or (compact near2 disc\$1))) and ((combin\$4 or assembl\$4) near3 (data or information) near4 ((adjacent or multiple or two) near4 (track\$ or groove\$1 or spiral\$1 or radial\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 10:03
-	2496	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 10:07
-	283	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) and (biological or chemical or cells or RBC or analyte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 10:07
-	1836	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 10:59
-	246	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) and (biological or chemical or cells or RBC or analyte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 11:00
-	1836	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 10:59
-	246	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) ) and (biological or chemical or cells or RBC or analyte\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 15:17
-	203	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) ) and (biological or chemical or cells or RBC or analyte\$1)) and size\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 11:01

-	7	(((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) ) and (biological or chemical or cells or RBC or analyte\$1) and ((structural or physical) near3 size\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 11:01
-	1060	369/?ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 14:04
-	557	369/103.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 15:16
-	12	369/103.ccls. and (multiple near3 track\$s)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 14:05
-	10	(((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1))) and (record\$3 near4 ((multiple or adjacent or two) near3 (track\$1 or groove\$1 or radial\$1 or spiral\$1))) ) and ((biological or chemical or cells or RBC or analyte\$1) near4 (embed\$5 or insert\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 15:25
-	2254	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1)) or (compact near2 disc\$1) and (((biological or chemical or cells or RBC or analyte\$1) near4 (embed\$5 or insert\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 15:27
-	2254	((optical near2 disc\$2) or CD or DVD or (digital near2 video\$ near2 disc\$1) or (compact near2 disc\$1) and ((biological or chemical or cells or RBC or analyte\$1) near4 (embed\$5 or insert\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 15:27
-	0	Byrnstein.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 16:20
-	5	Burnstein.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:43

-	161	Burstein.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 16:32
-	84	Burstein.as. and disc\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 16:34
-	70915	optical near3 disc\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 16:34
-	23	(Burstein.as. and disc\$1) and analyte\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/05 16:34
-	4	6327031.pn.,6344939.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/06 15:02
-	1	6327031.pn.,6344939.pn. and size	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/06 15:03
-	5	Burnstein.as.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 10:46
-	26275	(cell or substance or substrate) and ((optical near3 disc\$4) or CD or (compact near3 disc\$1) or DVD or (digital near3 video near3 disc\$1)) and (groove\$1 or track\$1 or spiral\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 13:41
-	8049	((cell or substance or substrate) and ((optical near3 disc\$4) or CD or (compact near3 disc\$1) or DVD or (digital near3 video near3 disc\$1)) and (groove\$1 or track\$1 or spiral\$1)) and ((determin\$ or detect\$4) near5 (shape\$1 or size\$1 or width or length or dimension\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 13:41



-	1825	((cell or substance or substrate) and ((optical near3 disc\$4) or CD or (compact near3 disc\$1) or DVD or (digital near3 video near3 disc\$1)) and (groove\$1 or track\$1 or spiral\$1)) and ((cell\$1 or substance\$1 or substrate) same ((determin\$ or detect\$4) near5 (shape\$1 or size\$1 or width or length or dimension\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 14:11
-	399	((cell or substance or substrate) and ((optical near3 disc\$4) or CD or (compact near3 disc\$1) or DVD or (digital near3 video near3 disc\$1)) and (groove\$1 or track\$1 or spiral\$1)) and ((cell\$1 or substance\$1 or substrate) same ((determin\$ or detect\$4) near5 (shape\$1 or size\$1 or width or length or dimension\$1)))) and ((across or adjacent\$4 or extend\$5 or multiple or two or plurality) near3 (groove\$2 or track\$1 or spiral\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/09/21 14:15